AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1. (Canceled)

2. (Currently amended) A method for the preparation of low molecular weight chitosan oligosaccharides, which ~~comprised~~ comprises:

1) ~~Weighting quantitative~~ quantitatively weighing chitosan ~~powder.~~ powder,

2) ~~Adding~~ adding an electrolyte ~~solution (chitosan:~~ solution to the chitosan powder to obtain a a chitosan;electrolyte solvent (W/V) ratio =1:~~8~30)~~8~30 ~~to the chitosan, then chitosan dissolved to viscous fluid.~~,

3) ~~Stirring~~ stirring ~~viscous fluid to uniform~~ the solution to uniformity, then ~~after cap sealing to place in the microwave oven with microwave energy control to begin reaction.~~ subjecting the solution to microwave irradiation,

4) ~~The solution was adjusted~~ adjusting the solution to neutrality with 1~10 M NaOH, KOH or ammonia water ~~and obtained~~ to obtain a pale yellow ~~floc. Then the floc was settled beyond~~ floc and then settling the floc at least 30 ~~min~~ minutes at 1~10 ℃ in a cold ~~closet.~~ closet,

5) ~~The~~ filtering the pale yellow floc ~~in step 4) was filtered. The~~ to obtain a precipitate ~~was desiccated~~ and then desiccating the precipitate at ~~50~70□.~~ 50~70℃ to obtain a dried product,

6) ~~Dried product was crushed~~ crushing the dried product to 20~100 mesh and ~~assayed~~ assaying the molecular weight of chitosan ~~oligosaccharides (molecular~~ oligosaccharides, and taking chitosan oligosaccharides having a molecular weight of 600~30000 ~~Da) was taken~~ Da as the finished product.

3. (Currently amended) The method according to the claim 2, ~~characterized in that in step 2)~~ wherein the electrolyte solution ~~was that adding the electrolyte to~~ comprises an electrolyte and an acid ~~solution~~.

4. (Currently amended) The method according to the claim 3, ~~characterized in that~~ wherein the electrolyte ~~may be~~ is NaCl, KCl, $CaCl_2$ or $FeCl_3$.

5. (Currently amended) The method according to the claim 3, ~~characterized in that~~ wherein the ionic strength of electrolyte ~~acid~~ solution is ~~was~~ 0.01~0.1.

6. (Currently amended) The method according to the claim 3, ~~characterized in that Dilute~~ wherein the acid ~~may be~~ is hydrochloric acid, acetic acid, citric acid, tartaric acid, formic ~~acid. Concentration~~ acid, and wherein the concentration of tartaric acid and citric acid is ~~was~~ 0.5~4% (W/V), and the concentration ~~and that~~ of hydrochloric acid, acetic acid and formic acid is ~~was~~ 0.5~4% (V/V).

7. (Currently amended) The method according to the claim 3, ~~characterized in that~~ wherein the microwave energy is ~~was~~ 480~800 W.

8. (Currently amended) The method according to the claim 3, ~~characterized in that~~ wherein the microwave irradiation time is ~~was~~ 1~12 ~~min~~ minutes.

9. (Currently amended) The method according to the claim 2, 3, 7 or 8, ~~characterized in that~~ wherein the ~~acid solvent containing NaCl obtained range of~~ molecular weight of the ~~resultant to be~~ chitosan oligosaccharides obtained from the electrolyte solution comprising NaCl ranges from 2.5×10^4~9.14×10^3 Da.

10. (Currently amended) The method according to the claim 2, 3, 7 or 8, ~~characterized in that~~ wherein the ~~acid solvent containing KCl obtained range of~~ molecular weight of the ~~resultant to be~~ chitosan oligosaccharides obtained from the electrolyte solution comprising KCl ranges from 2.0×10^4~6.02×10^2 Da.

11. (Currently amended) The method according to the claim 2, 3, 7 or 8, ~~characterized in that~~

wherein the ~~acid solvent containing $CaCl_2$ obtained range of~~ molecular weight of the ~~resultant to be~~ chitosan oligosaccharides obtained from the electrolyte solution comprising $CaCl_2$ ranges from 1.8×10^4~4.79×10^2 Da.

12. (New) A method for the preparation of low molecular weight chitosan oligosaccharides, which comprises:

exposing an electrolyte solution containing chitosan to microwave irradiation.